

Abstract

A method and apparatus for fastening a first relatively soft structural component such as a wood panel to a second relatively hard structural component such as a steel angle iron using fasteners each having a forward self-drilling portion, a rearward, self-tapping portion, and an outwardly projecting head. The fasteners are driven by a pneumatic rotary impact driver and the method comprises rotatively driving each fastener so as to cause its self-drilling portion to drill a first hole through the wood panel and thereafter rotatively driving and impacting that fastener so as to cause its self-drilling portion to drill a second hole in the angle iron and its self-tapping portion to form a screw connection with the angle iron around the second hole.